2025 - 2026
Information Technology: Systems Security

Associate in Applied Science Degrees

Scan Code for program page online

Information Technology: Systems Security

The Systems Security curriculum covers a broad expanse of technology concepts. This curriculum provides individuals with the skills required to implement effective and comprehensive information security controls.

Course work includes networking technologies, operating systems administration, information policy, intrusion detection, security administration, and industry best practices to protect data communications.

Graduates should be prepared for employment as security administrators. Additionally, they will acquire the skills that allow them to pursue security certifications.

Salary Range: $35,000-$75,648 (Salaries may vary based on size of business and other factors).

Specific Requirements

1. General college admission requirements must be met.

2. Transfer credit will not be accepted for SEC-285.

Total Cost Estimate

Tuition per Semester (NC Resident)	$1,216.00 (16+ credit hours) $76.00/credit hour (1-15 hours)
Computer Use and Technology Fee	$48/semester
Activity Fee	Fall and Spring semesters only, Main campus and Online, $35.00
CAPS Fee (Campus Access, Parking and Security)	$20/semester
Matriculation Fee	$10/semester
Student Insurance	$2/Semester

Additional Fees including books may incur, please check A-B Tech website for more detail: https://abtech.edu/program/information-technology-systems-security-aas-cost-estimate

Have you applied for Financial aid? Please visit A-B Tech website for instructions: https://abtech.edu/future-students/financial-aid/applying-aid

For More Information:
Contact Peter Kennedy by email at peterukennedy@abtech.edu or by phone at 828-398-7289.

Courses requiring a grade of "C" or better: ACA, CCT, CTI, CTS, NET, NOS and SEC

	Course Prefix		Course Name	Credit Hours
First Semester (Fall)	ACA	115	Success & Study Skills	1
	CSC	113	Artificial Intel. Fundamentals	3
	CTI	110	IT Foundations	3
	CTI	120	Network & Sec Foundations	3
	ENG	111	Writing and Inquiry	3
	NOS	110	Operating Systems Concepts	3
Second Semester (Spring)	MAT	110	Mathematical Measurement	3
	NET	125	Introduction to Networks	3
	NOS	120	Linux Single User	3
	NOS	130	Windows Single User	3
	SEC	110	Security Concepts	3
Third Semester (Summer)	CTS	115	Info Sys Business Concepts	3
	ENG	114	Professional Research and Reporting	3
	NET	126	Routing Basics	3
Fourth Semester (Fall)	CTI	240	Virtualization Admin I	3
	NET	225	Routing & Switching I	3
	NOS	230	Windows Administration I	3
	PSY	150	General Psychology	3
	SEC	160	Security Administration I	3
Fifth Semester (Spring)	ART	111	Art Appreciation	3
	CCT	121	Computer Crime Invest	4
	NET	175	Wireless Technology	3
	SEC	210	Intrusion Detection	3
	SEC	285	Systems Security Project	3
			Program Totals:	**71**

Credit for specific Information Technology certificate may replace some courses: **abtech.edu/current-students/programing-advising-center-overview/credit-prior-learning**

Certificates Available:
Systems Security Certificate
Cyber Forensic Analyst
For more information, please visit:
https://abtech.edu/programs/academic/computer-information-technology